MUSICAL MAGAZINE;

CONTAINING A VARIETY

FAVORITE PIECES.



NUMBER FIRST.

PRINTED BY WILLIAM LAW. CHESHIRE, A. D. 1792.



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PERIODICAL PUBLICATION.

BY ANDREW LAW, A.M.

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Entered according to the Laws of the UNITED STATES.



MR. ADGATE'S NEW PLAN of SOLFAING, Examined.

THERE has lately appeared in America, a new and improved plan of Solfaing, by Andrew Adgate, P. U. A; and as the public are not fufficiently acquainted either with the man or his work, I shall make no apology for announcing

Before I enter upon the examination of Mr. Adgate's plan, I shall give a simple explanation of his title P. U. A.

them.

Mr. Adgate has taught a common finging school in Philadelphia, where schools of every kind frequently obtain the name of Academies. Mr. Adgate called bis, the Uranian Academy, and himself the President. But the teachers of such schools, are commonly called, Masters; not Presidents. Mr. Adgate must therefore have assumed the epithet of President, or borrowed it from a foreign institution; thus becoming the President of the Uranian Academy, P. U. A. And as each of these ways partake equally of ease and propriety, we are at liberty to ascribe his choice to which we please. Here then, the origin of Mr. Adgate's degree, or title is investigated. I will bestow a sew words upon the importance of it. The school which Mr. Adgate taught, was never incorporated, and there are a thousand schools of equal importance in the United States. In many of these schools the instructors are frequently changed, and every person who has ever had the charge of one of them, has an equal right to a title with Mr. Adgate. Were the generality of singing Masters vain enough to adopt an infignificant title, Mr. Adgate would undoubtedly have a right to the privilege, without being called to an account for his conduct. Becoming a common thing, and being understood by the public, it would immediately cease to be an imposition.

But I will haften to an examination of Mr. Adgate's new and improved plan. As yet, I have only noticed his name as it flands, connected with his title. But if he has merit in his work, it shall be credited to him. The splendor of his abilities shall be made a cloak for his follies, and his faults shall be overlooked amidst his great and useful discoveries and improvements.

He is pleased to call his plan, a new one; alledging, that the old British mode is totally rejected. But as to the novelty of his scheme, I shall take the liberty of contradicting him. It is not a new plan. It has been known for ages in Italy and other countries; and the essential part of it has long since undergone a trial, and been rejected by those very Britons, whose eld mode our author boasts of displacing by his new. The truth of this affertion is sufficiently evinced by Music books published in England. Two of these books, I was possessed of, long before Mr. Adgate knew a syllable about Music; and upwards of eight years have clapsed, since I was myself folicited to publish this method. For reasons, as I thought, abundantly sufficient, I refused. Where then is the propriety of Mr. Adgate's calling his plan a new plan? It is, indeed, a little extraordinary, that he should adopt an obsolete system and claim it, as an invention of his own. But even this is not new. The same sarce had been acted before. Ethan Allen had revived, and republished the, Oracles of Reason, as a new plan; and Andrew Adgate has revived, and republished, fa so la, ba do na, as a new plan. But since he has chosen to adopt it, as his own, he may take it to himself; nobody will dispute with him for the bonour of the invention; and nobody will believe that he was the inventor. However, by claiming it as his own, he has at least taken upon himself to desend it; and he has afferted, not only the novelty, but the improvement of the plan. Leaving him to reconcile the possibility of a plan's being new, and yet at the same instant, improved, I shall proceed to enquire, in what respects it is preferable to the common method.

Permit me, however, previously to remark, that a very strong presumption arises against this system, on account of its having been tried and rejected in England. But as Mr. Adgate thinks it beautiful, and as it has gained some ground in America, we will give it an examination.

Having told us, that his plan possesses and advantages above the old British method, Mr. Adgate has mentioned only two. One of these respects the addition of singing syllables; and the other, the acquisition of the semi-tones; the latter of which is no ways applicable to bis, any more than to the common method, as I shall have occasion to show after I have considered the former. Instead of repeating saw sol law, in each octave, he has added, ba, do, na, and he afferts, that great confusion will be avoided, by means of affociating with each syllable the idea of its proper sound. But did not Mr. Adgate know, that syllable the idea of its proper sound.

lables were not the figns of mufical founds? It is the fituation of the notes upon the flave, which determines their founds. The fyllables are only the mediums, thro which fuch founds are expressed; and they may be expressed without the fyllables, as is the case every time a tune is sung to the words of a psalm, where neither saw sol law, nor ba do na, occur. Did we, as Mr. Adgate intimates, affociate with each fyllable, the idea of its proper found; and were there no more founds, than he has used fyllables, we might as well reject the lines and spaces, and learn to sing, merely by the interchanges of faw fol law, ba do na, mi. Having discovered, that the repetition of finging syllables was the cause of great perplexity to the pupil, he proceeds to illustrate it by an example; and the instance he has given, tho it makes directly against him, was as much to his purpose as any he could have chosen. Set a learner, says he, to fing at first fight, after he has made a tolerable proficiency, and if he is founding fol above the key note, and faw, the fourth above the key follows, he will descend to faw, the key note! We should judge, that a pupil was not a tolerable proficient till he knew the difference between rifing and falling. His ear must be very bad indeed, and his judgment still worse, if he could not, by the help of an able instructor, immediately discover the difference; even if there were no lines and spaces to affift his conception. But when the stave is before his even; when he fees, that a note is fituated upon a line, or a fpace, three notes higher than the one he has just founded,can it be supposed, that he will give it the found of faw the key note? It is by means of our fight, contemplating the position of a note upon the stave, that we must get the idea of the found, which it requires; and when it is founded, it is by means of our hearing, that we must get the idea of the found, which is actually given it. In neither case are we at all dependant upon the fyllable with which it is connected, or expressed. Syllables, in music, are not the signs of particular founds; as names, in language, are the figns of particular things; and I shall have occasion to prove, that, even Mr. Adgate's fyllables are far from being the figns of certain founds. A fingle fyllable is fufficient to express the whole variety of musical founds. Does it then become a question why four fyllables are used instead of one? The answer is easy. To consult conveniency by means of variety. Were it not tirefome to repeat one fyllable continually, there would be no need of more than one. But constant experience proves, that it is tirefome, and that more than one are necessary. By the use of four syllables, mi, saw follow, the variety is found to be fufficient; and these fyllables sung according to the directions, which I have given, are admirably calculated for the purpose to which they are appropriated. For tho, they can not assist us in attaining sounds, yet, they may, and do affift us in making those founds, when attained. They affift in forming the organs of found into a position for making more open, for and fmooth tones.

But even if we should violate every dictate of reason and experience, and suppose it necessary to increase the common num-

ber of finging fyllables, Mr. Adgate has been extremely injudicious in the addition, which he has made; and I must do the Italian writers upon the subject the justice of remarking, that, instead of making any improvement, or inventing any new system, Mr. Adgate has really adulterated their old one. For, instead of copying their addition, side ra, he has changed so into ha, and ra into na; neither of which is so good as the original. If the organs of sound are put into a position for expressing a note by the system of the voice will be forced suddenly upon the expression, and it will inevitably produce a blunt, dead found, much like the sound of a Blacksmith's hammer upon his anvil. Mr. Adgate, (having been accustomed to such founds,) may have no objections upon this account; but to others, the objection will certainly be formidable. The found of na is a nassal found, and leads to a habit of singing through the nose; and the mi, as he pronounces it (me,) inclines to a habit of singing thro the teeth: habits which destroy the beauty of music, and which ought to be fedulously avoided.

Thus far Mr. Adgate is inconfiftent with nature; but he is doubly inconfiftent, for he is not even confiftent with himself. A crazy man, who imagines that his body is made of glafs, is very careful about striking against any thing, lest he should dath it to pieces. He reasons consistently, admitting his premises to be good; but Mr. Adgate does not do so much. Having set out with a falle principle, he stops thort in his way; neither retracting it, nor carrying it through. He talks about affociating with each follable the idea of its proper found, and yet he gives us but feven follables, as though there were no more than feven founds. This can never be admitted; and even Mr. Adgate is more fober, as often as he looks fight of his false theory. He tells us, that the C cliff is the eleventh, and the G cliff in the treble the lifteenth found; and repeatedly afferts, that the extent of the human voice, from the bass to the treble inclusive, comprehends three octaves, or twenty two founds. If then he would afficiate to each fyllable the idea of a certain found, instead of feven, he must, upon his own footing, use twenty two fyllables; exclusive of the femi tones. He entirely confounds the use of the terms, notes, founds, and fyllables; for he afferts, that experience teaches us to affociate certain fyllables with the ideas of their proper founds. The fact is, we never do affociate a certain fyllable with the idea of a proper found. Experience teaches us to know what founds, notes, differently fituated upon the flave, fland for; or rather, our feeing the notes upon the flave excites in our minds the ideas of the proper founds, by which they are to be expressed; and when they are once excited, they may be expressed by one, or by four, or by feven, or by all the fyllables in a common plalm. The ideas of the founds being excited, we can as well express one found by faw, the key note, and another by faw, the fourth above the key upon the common method, as we can express one found by faw, and another, at an offave's diffance, by faw, upon Mr. Adgate's method.

Will he contradict himself where he is right, and attempt to maintain himself where he is wrong, by endeavoring to prove, that there are but seven sounds; and that, he has given a name to each of them? It will be of no avail to him to sty to the philosophers for shelter. They would be ashamed to protect him. They have told us indeed, that there are seven kinds of founds, differing in their natures and general properties; but I believe, it was left for Mr. Adgate to discover, that there were absolutely no more than seven sounds. Had the philosophers told us, that there were but seven different kinds of animals upon the earth, would it have followed that there were but seven animals? The kinds might have been seven, while the number of distinct, proper animals might have been unlimited; as the kinds of sounds are seven, while the number of distinct and proper sounds is unlimited. Had a man undertaken to give names to each of these distinct and proper animals, the number of his names must have been unlimited; and had Mr. Adgate carried his plan through, and associated a syllable to each distinct and proper found, his syllable must have been unlimited; I may add, unintelligibly consused.

I have now confidered the grand superiority of Mr. Adgate's plan, as far as it is placed in the addition of three singing syllables. There is one thing more, upon which confiderable firefs is laid, and it shall not be neglected. It is the method, which he has adopted for the purpose of acquiring the semi-tones. He proposes altering the syllables, fa, so, ba, do, into fe, se. be de. But this, as I before hinted, is not at all peculiar to bis fystem; for it would be as easy upon the common method to change faw, fol into fe, fe in the repetition, as to change ba, do into be, de upon his plan. His proposed alteration, he has taken from the Germans, who fing by letter. In practifing mufic, they make use of seven letters; and for the accidental flats and fharps, they introduce those, which are different, calling them, flat and sharp letters. But before Mr. Adgate proceeded to calculate upon the advantages of his propofal, he ought to have proved, that it was more easy to sharp a found by the fyllables, fe and fe, than by faw and fol. The accidental femi-tones are not to be exclusively expressed by any particular kind of fyllables; if fo, they could not be fung to the various fyllables in a pfalm or hymn, to which they indifcriminately fall. They are discovered by means of the flats, sharps and naturals inserted in a tune, and when once discovered, they may be fung as well, and even better by faw, than by fe. Feeing a found does not sharp it. Mr. Adgate, in treating upon semitones, feems to have continued his inconfiftency of imagining a kind of a necessary connection between founds, and the fyllables by which they are expressed; and accordingly, when the me (mi) is preceded by an accidental slat, or natural, he tells us to, manu it; that is, give it a duller found. This feems to be going upon the prefumption, that it is always a sharp found, when expressed by the fyllable, me. But the founds ofine, fe, fe, de, and thelike, are not sharp founds; unless singing through the teeth, is what conditutes the fharpness of founds. That these fyllables are dentals, will be allowed: and that, if used in

finging, they will lead to a habit of finging through the teeth, can not be denied; but, that compressing the teeth together, and forcing the found violently through them, is what constitutes the sharping of musical tones, will be denied. By the various authors, which I have consulted upon the subject of sounds, previous to Mr. Adgate, I have been led to believe, that a round pipe would produce a sharped sound, as well as a natural or stated sound; but now, I am taught to believe, that it depends upon the states of the pipe. It is no longer any matter about its size, or length, for a stat or sharp sound depends upon the shape of the pipe.

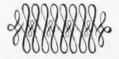
I find, that those who have adopted Mr. Adgate's plan, instead of sharping sounds properly, only sing them through the teeth; and in this way they sharp sounds, where they ought not to be sharped. When ever they sing the syllable ba, to a note, they sharp it to a degree; and the sound of ba, is as much sharper than the sound of saw, as the sound of be is sharper than that of ba.

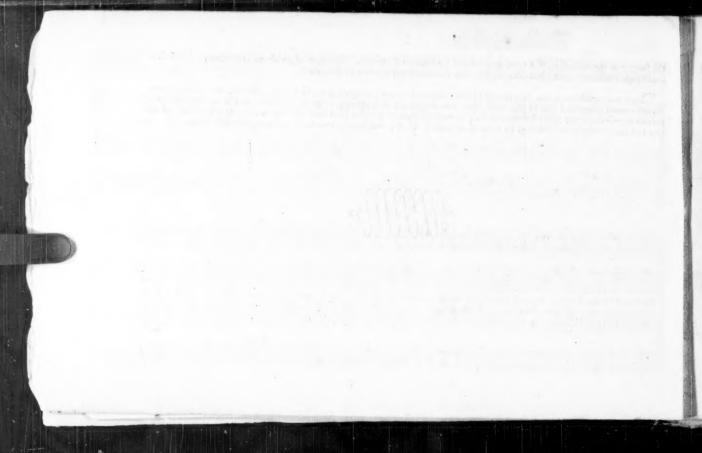
I am very confident, that a person will obtain a knowledge of the semi-tones sooner without Mr. Adgate's helps, than with; for so long as he depends upon the syllables for his knowledge of the sounds, he will not attend to them by his ear; and until he can clearly discover the half-tones by his ear, he will inevitably be ignorant of them. I will mention another objection. If the sounds of se, se, de, &c. are sharp sounds, then all similar syllables will also produce sharp sounds; and the English language abounds with them, so that almost every note in a common plain tune, sung to a psalm of a moderate length, will be sharped, or sung through the teeth, before the psalm is concluded. This objection is not imaginary. Of its reality, I am certain, from the performance of those, who have been taught upon Mr. Adgate's plan. And this objection affects, not plain tunes only; it also extends to all music whatsoever. Even music, set to particular words, must be altered: for, in a great variety of instances, there are of this kind of syllables applied to notes, which are not sharped. Mr. Adgate afferts, without any foundation, that the common method, in some instances destroys the beauty of composition; almost universally. It is in vain for him to tell us, that we may make use of these syllables, as affishants to learn the sharped notes, and then sing these same finaler syllables, without sharping the notes, which they are used to express.

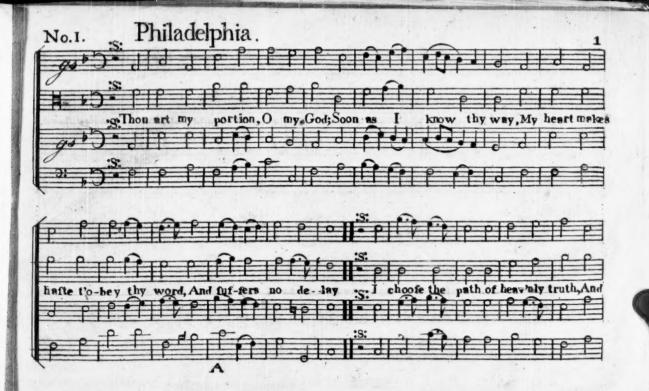
But after all Mr. Adgate's boafting about his near and improved plan, he has led us into a labyrinth, and meanly deferted us, without conducting us through; for, except the mi, he has made no provision for flatted notes, nor for any, which

are sharped at the beginning of a tune, and restored by accidental naturals. Instances of which are very common in the sub-limest pieces of music: but upon Mr. Adgate's plan, we know not what to do with them.

I have now confidered the fuperiority of Mr. Adgate's plan with regard both to finging fyllables, and to femi-tones. Were it to my purpose, I could easily show, that he is as ignorant of language, as he is of his art; but it has been my business to expose the errors of his system, not his grammatical blunders; and I shall now take my leave, for the present, of the new and improved plan of Solsaing, by Andrew Adgate, P. U. A; and leave the reader to make his own respections.



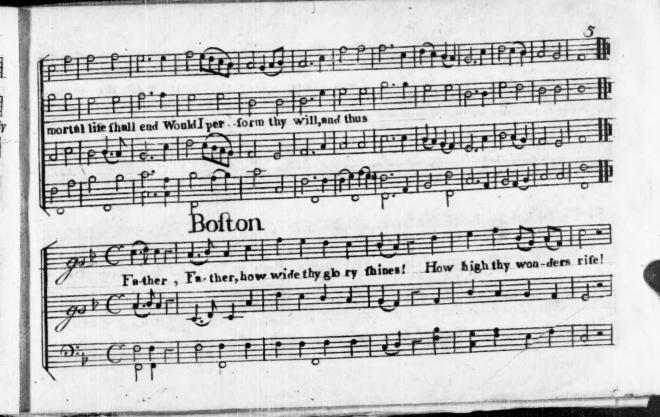




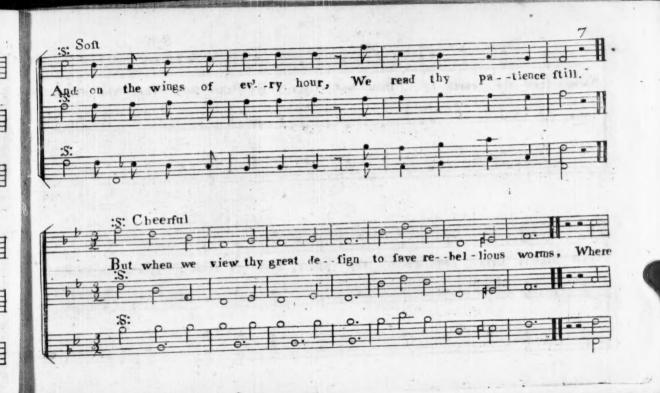


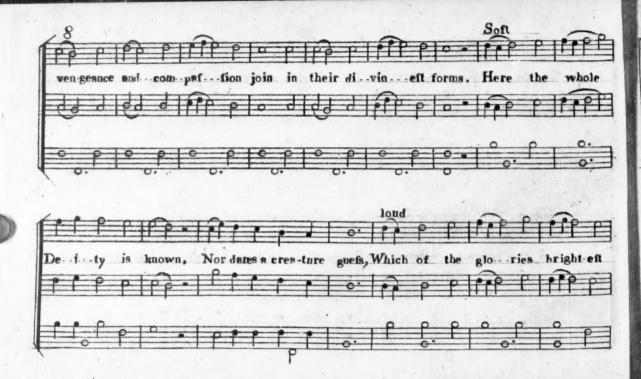


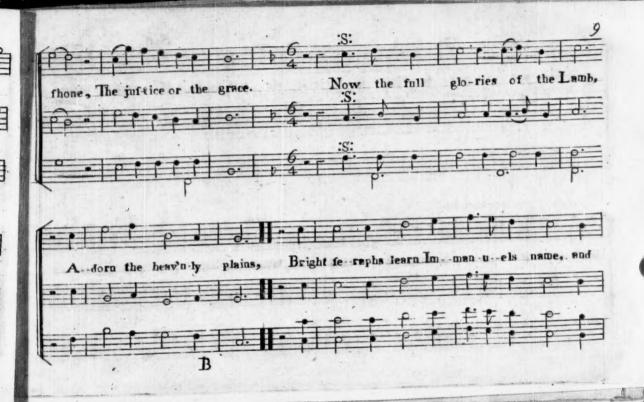


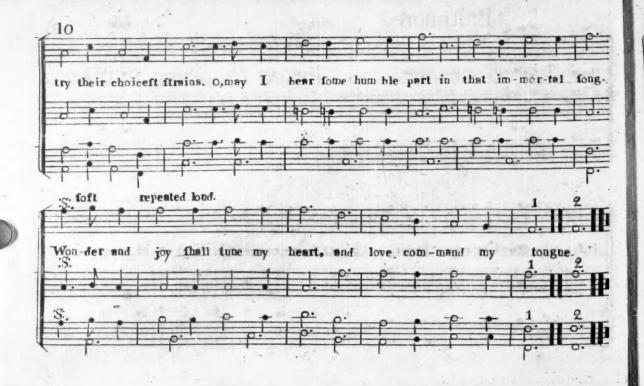


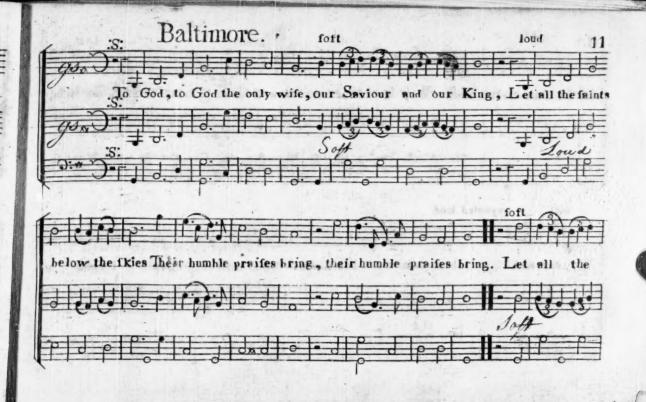


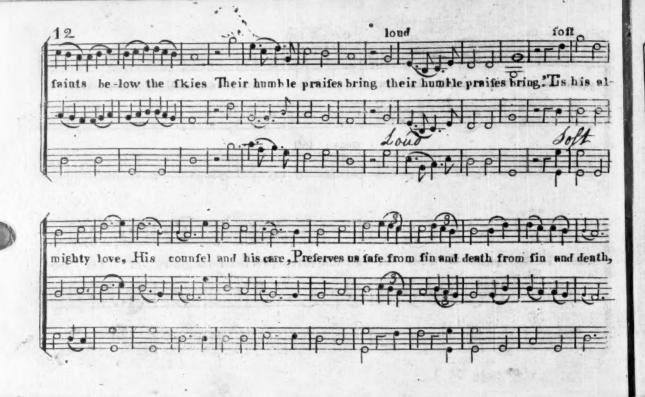




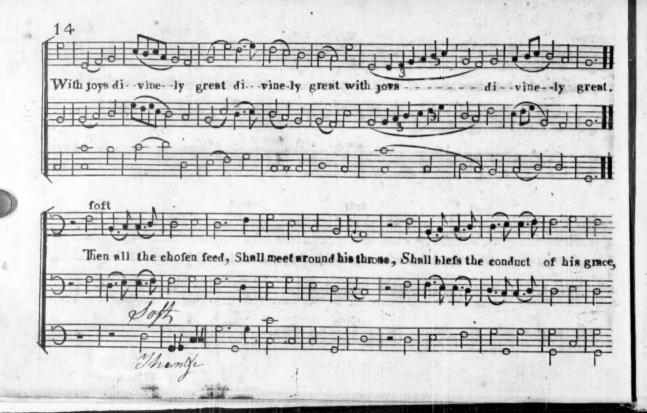


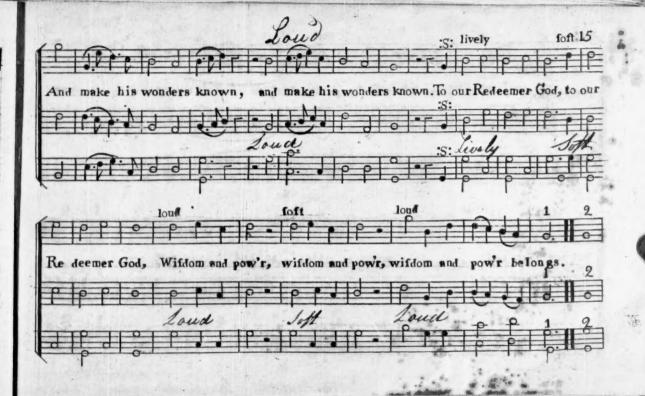


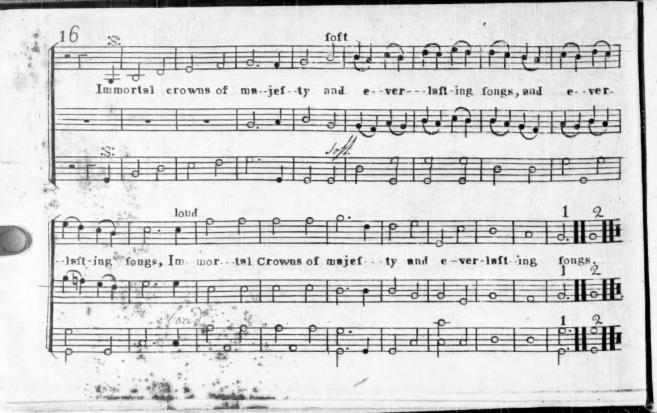












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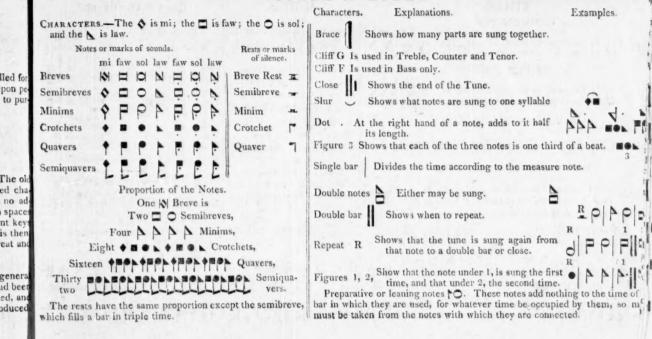
Book, that might be obtained with little expence, and be suitable for learners at their first setting out, has been frequently called for an one is the following. The rules, comprised in it, are explained with the utmost conciseness and simplicity. If the learner, upon peg them and practisising upon the additional lessons, and tunes, finds that he is like to succeed as a singer, he may safely venture to pursother music; if not, he may relinquish his book and his undertaking together, without much loss of time or money.

THE NEW PLAN COMPARED WITH THE OLD.

e new plan has only one scale for all the parts and all the keys in music; which scale is composed of seven simple characters. The old as at least two scales for the parts, and seven for the keys, and these scales are each of them compounded of fourteen complicated chas, such as notes, lines and spaces; here are three parts to every character, the note, the line and the space, and all of them gain no added to be cover the one simple note, in the new plan. The stave must include a ledger line above and below, making seven lines and seven spaces the part; the two parts bass and treble together, making at least twenty eight characters. To this must be added seven different keys same extent as the first, making on the whole seven times twenty eight, or one hundred and ninety six. The comparative view is then to a hundred and ninety six, or as one to twenty eight. The advantages which are gained by the new plan, are then, very great and importance.

objection which has been made against the plan is, that it is not known and in general use.

same objection might have been made against the art of Printing when it was first invented; for it was not then known and in general any part of the world. What would have been the state of society at this time, compared with what it now is, if this objection had been and adhered to, and have prevented the introduction of the art? Upon this ground every improvement in the arts must be rejected, and rid must stand where it is forever; or we must suppose that improvements are in universal use before they are invented or introduced



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The old

		TIMES.		. Me	ODES.	Rules to find t	he mi.
arked	С	and bento, out to me and one ap-	12 1 2 5 A A	Names. Very slow.	A second and a half.	Sharp, # When there is neithe the beginning of a tune,	mi is in B
rked	3		123 1 2 3	Slow. Moderate. Cheerful.	A second and a quarter. A second. Seven eighths.	One # # # # # # # # # # # # # # # # # # #	mi is in F# mi is in C# mi is in G# mi is in D#
rked	C	DOUBLE COMMON TIME. 123 Is measured by one breve; has four beats, two down and two up.	4 1 2 3 4	Lively. Quick. Very quick.	Two thirds. Five eights. Half a second.	One b Two bb Three bbb Four bbbb	mi is in E mi is in A mi is in D mi is in G
rked N. B.	4	COMPOUND COMMON TIME. Is measured by a dotted semibreve; 6 has two beats, one down and one up. 4 e hand falls at the beginning of every bar in all kin	- -	These not	DISTINCTION. es are sung in a istinct manner.	Sharp # Raises a no Flat 5 Sinks a no	ote half a tone. te half a tone. note to its pri-
5	FIF	RST LESSON. Sing without 7 1 2 3 4 5 5 4 3 2	the beat.	5	COND LESSON	4 5 5 4 3 2	each note.
D.			notes to each		FOURTH I	LESSON. Three not	es to each beat.

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			1																1		3		5	0	7
A 6		1		2	0	4		5	0	7	1		3		3	1	5		7	0	2				
											127	0	2									6	4		(
G 5	C	7		1		3		4		6		-	-		2	0	4		6	À	1		3	A	1
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E 3	1	. 5		6	1	1		2	0	4	5	O	7		7	0	2								-
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В	0	2		3	1	5		6	N	1	2	0	4		-										
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A	N	1		2	0	4		5	Ó	7	1		3		3	1	.5		7	0	2				

The figures at the left hand of each colun of notes show the degrees of the sharp ket those at the right hand show the degrees the flat key. This scale shows that the between the two keys, and that the first degree of the sharp key is the first note above the and that the first degree of the flat key is first note below the short the first degree of the flat key is first note below the short the first degree of the flat key is first note below the short the short the first degree of the flat key is first note below the short the first degree of the flat key is first note below the short the first degree of the flat key is first note below the short the first degree of the flat key is first note below the short the first degree of the flat key is first note below the short the first degree of the flat key.

It shows also the relative keys. Whene the key be changed from a sharp key to a key, or from a flat key to a sharp key with an additional flat or sharp in the regular vin which they are set at the beginning of turthey are called relative keys. Every sharp has its relative flat key a third below; and cry flat key has its relative sharp key a thabove. These admit of an easy and natu transition from one to the other.

Every sharp at the beginning of a tune ta the place of the with the dot, and raises a note half a tone, and removes the A and key to the fifth above, or to the fourth bel

Every flat at the beginning of a tune to the place of the \diamondsuit , sinks that note half a to and removes the \diamondsuit and the key to the four above, or to the fifth below.

The figures over the notes show the degrees of the sharp key; those under them show the degrees of the flat key. The state is the sever degree of the sharp key, and the second degree of the flat key; the and the interpolation, the interpolation of the sharp key, and the fifth and sixth of the flat key.

SCALE OF SHARP KEYS.

Rules. The last note of the Bass is the key note, which is the first above or below the \diamond ; if above it is a sharp key; if below, a flat key. In every key there are seven degrees of sound, which are marked by these characters, to wit, $\diamond \square \bigcirc \searrow$ and the $\square \bigcirc \searrow$ with a dot over under each of them, and are counted ascending. The eighth to each degree, is the same character, has the same name, and is the same gree of the key.

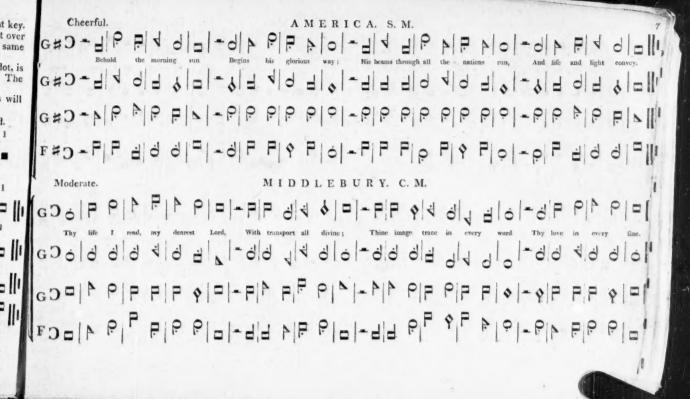
n every sharp key, the is the first degree of the key; the is the second degree; the is the third degree; the is the dot, is fourth degree; the o, with the dot, is the sixth degree; the is the seventh degree. The

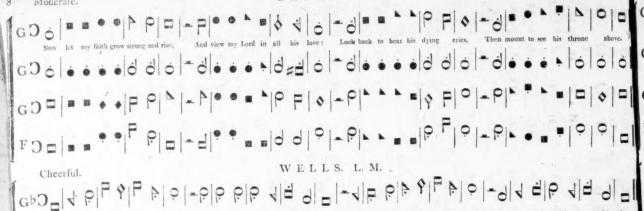
hth degree being the same as the first, is called first.
The common chord, taken upon the key note, is counted ascending; but all, except F, G, and A, are sounded descending.

Learners will both ways at first.

The figures show the degrees of the Key.

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G###D-의의 상담 의식 의이-대상 되어 대상 시 이 -의의 되어 등 이 등 이 상 등 이 의 상 등 이 되어 있다.

G#3-- 리 모 티 선생님 상 다 시 이 리 아 리 마 리 이 이 선생이 아 마 테 어머 아 마 티 G#3---> | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0 P | 0







